

REMARKS

Claim 1 calls for displaying an image. It is not seen how anything in the cited Takano reference teaches displaying an image. The purpose of Takano is to detect defects of wires on a wiring board wherein the optical sensor includes a film of polymer non-linear optical material. See the title.

The cited material at column 16, lines 15-39 cannot reasonably be called any kind of a display. The sensor head is moved by the plane transfer means "to observe a voltage applied to a wire at an arbitrary location on a wiring board." See column 16, lines 15-17. When the wiring board is defect free, an electric field is applied to the thin film 14 of the polymer non-linear optical material in a portion of which the wires exist and the double refractive index of the thin film of the polymer varies depending on the electrical field causing "a voltage generated by the photoelectric transducer to change depending on the changing amount." Thus, there is no display and there is no image that is displayed. Instead, a voltage is detected.

Conversely, no electric field is generated in a portion in which no wires exist and the index of the film 14 does not vary so "the voltage generated by the transducer 46 does not change either."

A distribution of the voltages detected by the detecting means is displayed on image processing display means (not shown) of the signal processing unit 104, such as a computer. Thus, all that is depicted are the voltages generated by the photoelectric transducer 46. The second order non-linear electro-optic effect is not used to display any image. The optical effect causes a voltage generated by the photoelectric transducer to change. This cannot reasonably be said to be displaying an image using a second order non-linear optical effect because no image is generated using that effect. The only images that are generated are to display a voltage generated by another element.

Therefore, reconsideration is requested.

Respectfully submitted,

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